

Production of foam sheets

Abstract

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A process for producing foam sheets with a density of from 20 to 200 g·l⁻¹ and with a cross section of at least 50 cm³ by extrusion and foaming of a mixture made from a styrene polymer, from 3 to 15% by weight of a volatile blowing agent and from 0.2 to 10% by weight of graphite particles, based in each case on the styrene polymer, if desired with conventional additives comprises using a volatile blowing agent which is a mixture made of

10 from 95 to 30% by weight of CO₂,
from 5 to 70% by weight of H₂O, and

15 from 0 to 60% by weight of a volatile organic compound.

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